

RECEIVED

JUN 21 2001

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/163,289ADATE: 05/21/2001
TIME: 11:37:31

TECH CENTER 1600 2900

Input Set : A:\JHU1400-1.ST25.txt
Output Set: N:\CRF3\05212001\I163289A.raw

ENTERED

#15/R.F.
J.6/21
Peter
Sgt.
6/21/01

3 <110> APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
 4 DIETZ, Harry
 6 <120> TITLE OF INVENTION: DELIVERY CONSTRUCT FOR ANTISENSE NUCLEIC ACIDS AND METHODS OF USE
 8 <130> FILE REFERENCE: JHU1400-1
 10 <140> CURRENT APPLICATION NUMBER: US 09/163,289A
 11 <141> CURRENT FILING DATE: 1998-09-29
 13 <150> PRIOR APPLICATION NUMBER: US 08/742,943
 14 <151> PRIOR FILING DATE: 1996-10-31
 16 <160> NUMBER OF SEQ ID NOS: 5
 18 <170> SOFTWARE: PatentIn version 3.0
 20 <210> SEQ ID NO: 1
 21 <211> LENGTH: 55
 22 <212> TYPE: DNA
 23 <213> ORGANISM: Artificial sequence
 25 <220> FEATURE:
 26 <223> OTHER INFORMATION: Complementary oligonucleotides that encode the antisense 'core'
 27 sequence: sense
 29 <400> SEQUENCE: 1
 30 aatttggcgat ctccuagact gatgagtccg tgaggacgaa acggccctcga cgcatt 55
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 55
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Artificial sequence
 38 <220> FEATURE:
 39 <223> OTHER INFORMATION: Complementary oligonucleotides that encode the antisense 'core'
 40 sequence: antisense
 42 <400> SEQUENCE: 2
 43 ctagatgcgt cgagggcgtt tcgtcctcac ggactcatca gtgctggaga tcgccc 55
 46 <210> SEQ ID NO: 3
 47 <211> LENGTH: 211
 48 <212> TYPE: RNA
 49 <213> ORGANISM: Artificial sequence
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Chimeric RNA containing antisense targeting sequence between
 53 the two hairpin loops of U1 snRN
 55 <400> SEQUENCE: 3
 56 auacuuuaccu ggcuaggggag auaccaugau cacgaaggug guuuuuccag ggcgaggcuu 60
 58 auccauugca cucgggaugu gcugacccu gcgauuuuccc caaauguggg aaacucgacu 120
 60 gcagaauugg cgaucuccag cacugaugag uccgugagga cgaaacgccc ucgacgcauc 180
 62 uaguggggga cugrquucgc gcuuuucccu g 211
 65 <210> SEQ ID NO: 4
 66 <211> LENGTH: 30
 67 <212> TYPE: RNA
 68 <213> ORGANISM: Artificial sequence
 70 <220> FEATURE:
 71 <223> OTHER INFORMATION: Target sequence
 73 <400> SEQUENCE: 4

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/163,289A

DATE: 05/21/2001

TIME: 11:37:31

Input Set : A:\JHU1400-1.ST25.txt
Output Set: N:\CRF3\05212001\I163289A.raw

74 augcguccgag ggcguccugcu ggagauccgc 30
77 <210> SEQ ID NO: 5
78 <211> LENGTH: 10
79 <212> TYPE: RNA
80 <213> ORGANISM: Artificial sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Sm protein binding sequence
85 <400> SEQUENCE: 5
86 uaaauuugugg 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/163,289A

DATE: 05/21/2001

TIME: 11:37:32

Input Set : A:\JHU1400-1.ST25.txt

Output Set: N:\CRF3\05212001\I163289A.raw